

1991, now abandoned, which is a continuation of Serial No. 07/304,281, filed January 31, 1989, now abandoned.

IN THE CLAIMS:

Please delete claims 1 and 2, without prejudice or disclaimer. Please add the following new claims:

--21. A keratinocyte growth factor (KGF) polypeptide with preferential mitogenic activity on cells of epithelial origin, said polypeptide comprising amino acids 65-156 and 162-189 of Figure II-1B.

hand of man (must isolated)

22. A keratinocyte growth factor (KGF) polypeptide having preferential mitogenic activity on cells of epithelial origin, said polypeptide encoded by a DNA molecule selected from the group consisting of:

- (a) a cDNA molecule comprising the DNA sequence of Figure II-1B;
- (b) a cDNA molecule comprising the polypeptide coding region in Figure II-1B;
- (c) a cDNA molecule as defined in (b) further comprising a 5' ATG;
- (d) a human DNA molecule which encodes an mRNA that hybridizes to the 695-bp *Bam*HI/*Bcl*II cDNA fragment as set forth in Figures II-1A and B, under conditions wherein such *Bam*HI/*Bcl*II fragment hybridizes to a 2.4 kb KGF mRNA transcript expressed in a M426 cell line, but not to human aFGF or human bFGF mRNA transcripts in RNA samples from cell lines which express such transcripts; and
- (e) a DNA molecule which is degenerate from and encodes a polypeptide encoded by the DNA molecule defined in one of (a)-(d).

Not further limiting

Sub C3
23. A polypeptide according to claim 13 that lacks amino acids 1-31 of Figure II-1B.

24. A truncated keratinocyte growth factor (KGF) polypeptide which has preferential mitogenic activity for cells of epithelial origin, wherein said polypeptide is truncated within the region encoding amino acids 32-78 of the sequence of Figure II-1B.

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25. A keratinocyte growth factor (KGF) polypeptide expressed by a host cell stably transformed or transfected with a DNA molecule according to claim 22.

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26. The polypeptide of claim 21, which shows preferential mitogenic activity for BALB/MK epithelial cells, but not NIH/3T3 fibroblast cells.

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27. The polypeptide of claim 22, which shows preferential mitogenic activity for BALB/MK epithelial cells, but not NIH/3T3 fibroblast cells.

28. The polypeptide of claim 24, which shows preferential mitogenic activity for BALB/MK epithelial cells, but not NIH/3T3 fibroblast cells.

Sub C4
29. A keratinocyte growth factor (KGF) polypeptide having preferential mitogenic activity on cells of epithelial origin, wherein the KGF polypeptide comprises amino acids 32-78 of Figure II-1B or a portion thereof fused to the coding sequence of a member of the fibroblast growth factor (FGF) family that is not KGF, wherein said coding sequence corresponds to the amino acids 79-194 of Figure II-1B.
Problem?